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(74) Agent: **HUMBURG, Angelika**; Ciba Specialty Chemicals Holding Inc., Patent Department, Klybeckstrasse 141, CH-4056 Basel (CH).

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(71) Applicant (for all designated States except US): **EFKA ADDITIVES B.V.** [NL/NL]; Innovatielaan 11, NL-8466 SN Nijehaske (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PIRRUNG, Frank, Oliver, Heinrich** [DE/NL]; Haskertille 27, NL-8465 SM Oudehaske (NL). **NOORDAM, Arend** [NL/NL]; Carolinalaan 15, NL-8453 VJ Oranjewoud (NL). **HARBERS, Petrus, Johannes** [NL/NL]; Skoalekers 12, NL-8464 PG Sintjohannesga (NL). **LOEN, Elizabeth, Maaike** [NL/NL]; Schouwstraat 5c, NL-8937 BA Leeuwarden (NL). **MUNNEKE, Arona, Eliane** [NL/NL]; Bolster 15, NL-8447 BK Heerenveen (NL).

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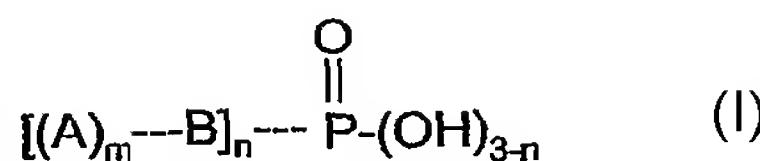
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(54) Title: PHOSPHORIC ACID ESTERS AND THEIR USE AS WETTING AND DISPERSING AGENT



(57) Abstract: The invention relates to a phosphoric acid ester and salts thereof of the general formula (I), wherein A is a monohydroxyl residue derived from C₁-C₂₀-alkyl-(AO)x-OH or Acyl-(AO)x-OH; or C₁-C₂₀-alkyl -(AO)x-(HA)y-OH or Acyl-(AO)x-(HA)y-OH; or C₁-C₂₀-alkyl -(AO)x-(AA-AO)y-OH or Acyl-(AO)x-(AA-AO)y-OH; or MO -(HA)y-OH or MO-(AA-AO)y-OH; wherein Acyl is an aromatic carboxylic acid residue or a saturated or unsaturated fatty acid residue; AO is a polyC₂-C₄alkyleneglycol residue, HA is a hydroxycarboxylic acid or a lactone thereof, AA is a dicarboxylic acid, MO is a monoalcohol, x is 1 to 250, y is 1 to 250, B is a mono-, di-, or tri- or polyhydroxy di-, tri or multi-carboxylic acid residue which is linked via the hydroxy group to the phosphoric acid and via one of the carboxylic acid groups to the monohydroxyl residue [A], the remaining carboxyl acid group(s) is/are free or is/are esterified with a further monohydroxyl residue [A], resulting in branched esters; n is 1-2; m is 1-4. The phosphoric acid esters are used as wetting agent or dispersants.